Amendments to the Specification:

Please replace the paragraph beginning on page 2, line 11 with the following rewritten paragraph:

In yet a further aspect of the present invention, a method of processing signals having a first and second symbol each representing a constellation point, the first symbol preceding the second symbol in time, includes quantizing the first symbol to its nearest constellation point as a function of the first and second ~~signals~~ symbols, comparing the first symbol to the quantized first symbol, and adjusting a reference frequency as a function of the comparison.

Please replace the paragraph beginning on page 3, line 15 with the following rewritten paragraph:

Figure 1 is a graphical illustration of a communications system. In Figure 1, data 101 is provided to an encoder 103. The encoder codes the data and then provides it to a transmitter 105. The transmitter modulates the coded data on a carrier ~~frequency~~ signal, amplifies the resultant signal and broadcasts it to a relay satellite 107. The relay satellite 107 then rebroadcasts the data transmission to a receiver 109. The received signal is then provided by the receiver 109 to a ~~mixer~~ multiplier 113 to be multiplied by a mixer signal. A voltage

controlled oscillator (VCO) 123 provides a mixer signal to the mixer with the result that the coded signal is translated to a baseband signal. The coded baseband signal comprises the data and the coding added by encoder 103. The transport interface of the signal from (and including) the transmitter 105 to (and including) the receiver 109 is referred to as a channel 111.